Catalogue of American Amphibians and Reptiles.

IVERSON, JOHN B. 1981. *Kinosternon dunni.*

Kinosternon dunni Schmidt
Dunn's mud turtle

Kinosternon dunni Schmidt, 1947:109. Type-locality, "Pizarro, Choco, Colombia." Holotype: Field Mus. Natur. Hist. 42804, an adult female, collected September 1945 by Kjell Von Sneidern (examined by author).

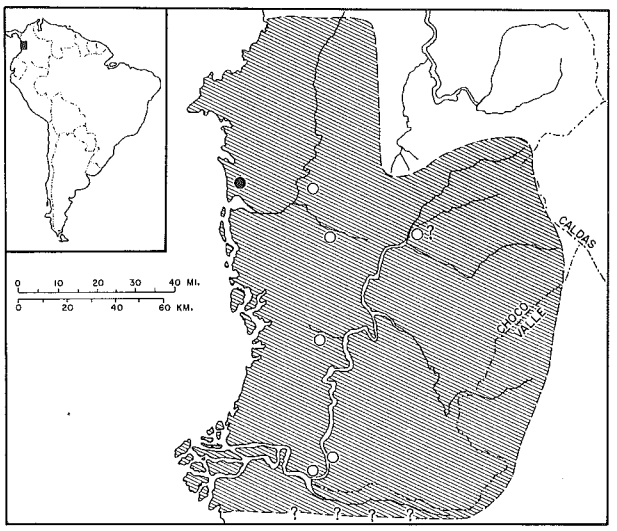
• CONTENT. *Kinosternon dunni* is a monotypic species.

• DEFINITION. Adult females reach at least 150 mm in carapace length; whereas males reach at least 175 mm. The dark brown adult carapace is unkeeled or slightly tricarinate. The first vertebral scute contacts the second marginal. The fourth pleural scute usually does not contact the eleventh marginal. The tenth (and rarely the eleventh) marginal is elevated above the level of the preceding marginals. The plastron is emarginate posteriorly. The interfemoral seam length is less than 13% of the maximum plastron length. The posterior width of the plastral forelobe is less than 40%, and the anterior width of plastral hindlobe is less than 35% of the maximum carapace length. A pair of well developed transverse hinges border the abdominal scutes. The bridge length is 21 to 26% ($\bar{x}$ = 24.2) of the maximum carapace length, and the inguinals touch the axillaries. The plastron and bridge are usually light yellow with dark seams, but are sometimes stained dark brown. The head is dark brown to black dorsally, lighter ventrally, and finely mottled laterally. The nasal scale covers most of roof of skull but is never bifurcate posteriorly. The snout is bulbous in large adults. All four feet are webbed. Adult females possess short, stubby tails, whereas males possess long thickened tails. Both sexes have a terminal tail spine; that of the male is long and hooked. Males have a patch of tuberculate scales (clasping organs) on the posterior surface of the crus and thigh of each hind leg.

• DESCRIPTION. General descriptions are found in Schmidt (1947), Medem (1961, 1962), Legler (1965), and Pritchard (1967, 1979).

• ILLUSTRATIONS. Color photographs of the adult are in Medem (1962); black and white photographs in Schmidt (1947), Medem (1961, 1962), Legler (1965), and Pritchard (1979). Photographs of eggs are in Medem (1961). Drawings of adults appear in Medem (1961), Wermuth and Mertens (1961), and Bellairs and Carrington (1966).

• DISTRIBUTION. *Kinosternon dunni* is definitely known from only six localities in the Río Baudó, Río Decampadó, and Río San Juan drainages of the Departamento del Choco, Colombia. Only five specimens are known in American museums: Field Mus. Natur. Hist. 42804 (adult female; holotype; 148 mm Carapace Length) and 42803 (young adult female; paratype; 92 mm CL); California Acad. Sci. (CAS-SU) 119953 (adult male; 169 mm CL); and American Mus. Natur. Hist. 112397 (adult female; 112 mm CL) and 112399 (adult female; 142 mm CL).



MAP. Solid circle marks type-locality; open circles other localities. Question marks indicate uncertain record and range boundary.

• FOSSIL RECORD. None.

• PERTINENT LITERATURE. General accounts of the biology of *Kinosternon dunni* are in Medem (1961, 1962) and Pritchard (1969); taxonomic relationships with *K. angustipons* are discussed in Legler (1965).

• ETYMOLOGY. The species is named for Dr. Emmett Reid Dunn, noted authority on Colombian herpetology.

LITERATURE CITED

Bellairs, Angus d'A., and Richard Carrington. 1966. The world of reptiles. American Elsevier Publ. Inc., New York. 153 p.

Legler, John M. 1965. A new species of turtle, genus *Kinosternon*, from Central America. Univ. Kansas Publ. Mus. Natur. Hist. 15(13):615–625.

Medem, Frederico. 1961. Contribuciones al conocimiento sobre la morfologia, ecología, y distribucíon geográfica de la tortuga *Kinosternon dunni* K. P. Schmidt. Novedades Colombianas 1(6):446–476.

— 1962. La distribucíon geográphica y ecología de los Crocodylia y Testudinata en el Departamento del Choco. Rev. Acad. Colombiana Cienc. Exactos, Fis. Natur. Bogota. 11(44):279–303.

Pritchard, Peter C. H. 1967. Living turtles of the world. T. F. H. Publ., Inc., Jersey City, New Jersey. 288 p.

— 1979. Encyclopedia of turtles. T. F. H. Publ. Inc., Neptune, New Jersey. 895 p.

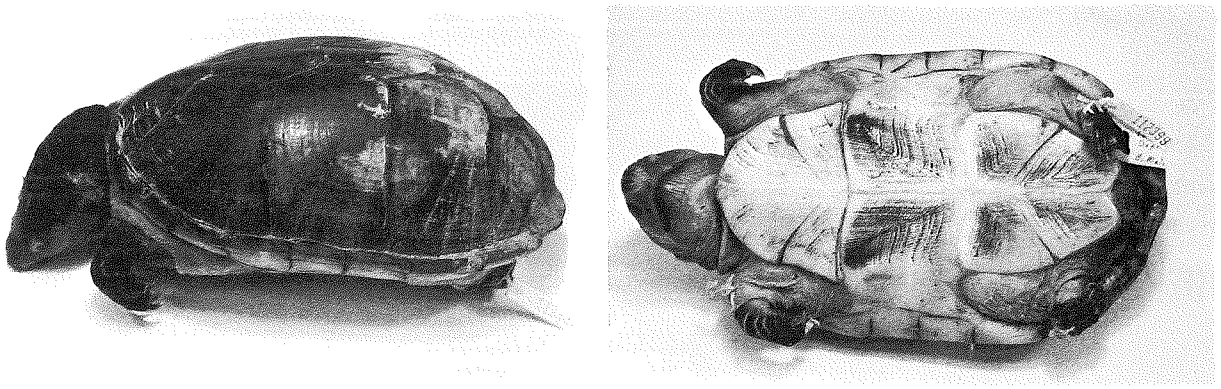


FIGURE. Adult female *Kinosternon dunni* (American Mus. Natur. Hist. 112399) from Pangala, Choco, Colombia.

Schmidt, Karl P. 1947. A new kinosternid turtle from Colombia. Fieldiana: Zool. 31(13):109–112.
Wermuth, H., and R. Mertens. 1961. Schildkröten. Krokodile. Brückenechsen. G. Fischer, Jena. 422 p.

JOHN B. IVERSON, EARLHAM COLLEGE, RICHMOND, INDIANA 47374.

Primary editor for this account, Carl H. Ernst.

Published 27 October 1981 and Copyright 1981 by the SOCIETY FOR THE STUDY OF AMPHIBIANS AND REPTILES.